

No.	DoY GRIPS (evening)	DoY SABER	UTC SABER	Ground-based period (min)	Intrinsic period (min)	λ_h ,GRIPS (km)	λ_z ,GRIPS (km)	$\Delta\lambda_z$,GRIPS (%)	λ_z ,SABER (km)
1	212	212	23.62	74	87	224	10.5	50	12.6
2	212	213	1.32	74	95	224	9.7	53	8.1
3	214	214	22.37	436	209	735	13.8	43	11.0
4	214	214	22.39	436	209	735	13.8	43	14.5
5	214	214	24.08	436	262	735	12.1	50	7.0
6	214	214	24.10	436	262	735	9.2	50	9.0
7	214	215	1.78	436	349	735	7.6	69	8.7
8	215	215	22.61	348	175	745	18.0	37	11.2
9	215	215	22.63	348	175	745	16.2	37	12.1
10	215	215	24.31	348	209	745	14.3	41	15.7
11	215	215	24.32	348	209	745	13.0	42	7.2
12	215	216	2.01	348	262	745	11.7	51	12.7
13	215	216	2.03	348	262	745	11.0	51	12.4
14	215	215	22.61	107	70	226	14.4	40	11.2
15	215	215	22.63	107	70	226	13.0	40	12.1
16	215	215	24.31	107	105	226	8.7	60	9.1
17	215	215	24.32	107	105	226	7.9	60	7.2
18	215	216	2.01	107	150	226	6.3	86	8.2
19	215	216	2.03	107	150	226	5.9	86	7.1
20	216	216	22.86	168	209	652	13.4	44	15.9
21	216	217	0.56	168	209	652	14.2	39	16.1
22	221	221	22.33	393	262	823	13.2	47	14.5
23	221	221	24.04	393	1047	823	1.5	–	–
24	221	221	22.33	148	131	525	19.1	36	14.5
25	221	221	24.04	148	262	525	10.8	64	8.9
26	225	225	19.88	274	262	857	15.1	38	8.7
27	225	225	21.58	274	262	857	14.1	42	9.8
28	225	225	23.27	274	209	857	17.4	33	10.9
29	225	225	23.28	274	209	857	18.3	33	12.4
30	234	234	20.29	436	–1047	801	1.9	–	–
31	234	234	21.99	436	524	801	5.0	138	5.5
32	239	239	19.77	536	–262	81	1.3	–	–
33	239	239	21.46	536	–62	81	6.4	94	9.4
34	254	254	23.13	626	524	657	5.8	117	5.3
35	254	254	23.14	626	524	657	5.5	116	3.6
36	259	259	22.59	324	209	1691	36.6	–	–
37	259	259	22.60	324	209	1691	38.8	–	–
38	259	259	22.59	200	209	421	8.3	71	8.5
39	259	259	22.60	200	209	421	8.8	71	11.7
40	263	263	21.82	608	524	1801	15.9	51	13.8
41	263	263	21.83	608	524	1801	14.0	51	17.4
42	275	275	19.53	616	–	–	imaginary	–	–
43	275	275	19.54	616	–	–	imaginary	–	–
44	275	275	19.53	158	116	634	44.6	–	–
45	275	275	19.54	158	116	634	44.4	–	–
46	284	285	3.51	557	–349	2054	7.8	95	5.4
47	284	285	3.51	257	150	436	33.4	–	–
48	292	293	1.99	550	524	891	12.4	80	14.1